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Filed : February 5, 2004

IN THE SPECIFICATION:

(1) The paragraph from page 4, line 17 to page 4, line 31 has been amended as follows:

Thus, there is a need of a function in a navigation system for searching POIs along the calculated route to the destination during the trip. It is preferable to sort the searched POIs by distance ranges on the display. There is also a need of a display method for listing the POIs along the calculated route in the order that the user actually see them when he is moving. Such a situation is shown in Figures 2A-2E where a user is travelling to the destination (Dest) while the navigation system is listing POIs of selected category such as "Restaurant". Figure 2A shows an example of calculated (guided) route to the destination where the user (vehicle position VP) is at a position A. Typically, the user selects to list the POIs in the order of distance from the user's current position as shown in Figure 2B. Figure 2C shows an example of listing the POIs (restaurants) in the order of distance.

(2) The paragraph from page 6, line 25 to page 6, line 35 has been amended as follows:

The navigation system of the present invention is designed to search POIs along the ~~ealeulate~~ calculated route to the destination with respect to distance ranges on the ~~ealeulate~~ calculated route and to allow the user to select the

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distance range to see details of the POIs therein while displaying the current user position in the distance. The navigation system is further designed to search POIs within a specified search area and to calculate a modified distance of each POI and to list the POIs in the order of modified distance in such a sequence that the user actually sees the POIs as he travels along the guided route to the destination.

(3) The paragraph from page 7, line 15 to page 7, line 23 has been amended as follows:

In the display method of the present invention, the process of defining the search area includes a process of defining a radius of a region circle and creating a plurality of region circles consecutively on the route, and the process ~~step~~ of listing the POI names includes a process of calculating the modified distance of each POI based on distances from two (first and second) reference points on the route in two consecutive region circles to the POI and distances from the user position to the two reference points.

(4) The paragraph from page 8, line 17 to page 8, line 26 has been amended as follows:

According to the present invention, the navigation system searches POIs along the ~~calculate~~ calculated route to the destination with respect to distance ranges on the ~~calculate~~ calculated route and allows the user to select the distance range to see details of the POIs therein while displaying the

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current user position in the distance range. The navigation system searches the POIs along the route to the destination and calculates a modified distance of each POI to list the POIs in the order that the user actually sees the POIs as he travels along the guided route to the destination.

(5) The paragraph from page 9, line 20 to page 9, line 24 has been amended as follows:

Figure 3 is a block diagram showing an example of structure of the navigation system implementing the present invention for searching POIs for each distance range along the route to the destination and displaying the POIs in the order that the user actually ~~see~~ sees the POIs.

(6) The paragraph from page 9, line 25 to page 9, line 29 has been amended as follows:

Figure 4 is a functional block diagram showing a basic structure of the apparatus of the present invention for searching POIs for each distance range along the route to the destination and displaying the POIs in the order that the user actually ~~see~~ sees the POIs.

(7) The paragraph from page 14, line 18 to page 14, line 29 has been amended as follows:

The POI search and display controller 47 controls the monitor 50 to display a list of distance ranges in which a number of POIs detected is indicated in the corresponding distance range. Preferably, based on the information from the

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position measuring device 33, the POI search and display controller 47 causes the monitor 50 to display a mark showing the current user (vehicle) position in the corresponding distance range. If the user requests more detailed information on the POIs in a particular distance range, the POI search and display controller 47 causes the monitor 50 to display a list of POI names and other information in the selected distance range.

(8) The paragraph from page 14, line 30 to page 15, line 6 has been amended as follows:

As noted above, the order of listing the POI names is determined to be an order that the user actually ~~see~~ sees the POIs rather than the actual drive lengths. For determining the listing order, the POI search and display controller 47 uses a plurality of region circles having their centers on the route to the destination, retrieves POIs contained in the region circles and quickly calculates a modified distance of each POI by using adjacent centers of the region circles, compares the calculated distances and displays the POIs on the name list in the order of the modified distance. The buffer memory 48 temporarily stores the data necessary for calculating and comparing the distances of POIs.

(9) The paragraph from page 15, line 7 to page 15, line 16 has been amended as follows:

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The situation where the display method of the present invention is applicable is schematically shown in Figures 5A-5B which illustrate a route to the destination and POIs along the route where POIs are searched per distance range. The POIs detected along the route are listed on the display in the order determined by the method of the present invention. As noted above, the order of listing the POIs along the route is not necessarily in the order of drive length but rather in the order that the user actually ~~see~~ sees the POIs when moving along the calculated route.

(10) The paragraph from page 20, line 21 to page 20, line 31 has been amended as follows:

Figure 7C shows the case where the current vehicle position is now in the 5-10 miles range. In this manner, the list of the distance ranges produced when starting the POI search operation based on the user's position at that time ~~remain~~ remains unchanged. In response to the changes of the user position, the navigation system illustrates the mark indicating the current user position 61 in the distance range. Figure 7D shows the case where the current vehicle position is further ~~advance~~ advanced to the 10-20 miles range. In this example, the user specifies the 30-50 miles range to retrieve the detailed information on the POIs in this range.

(11) The paragraph from page 20, line 32 to page 21, line 6 has been amended as follows:

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Figures 8A and 8B are display examples showing detailed information about POIs within a particular distance range selected in the manner shown in Figure 7d 7D. In Figure 8A, POIs in the selected distance range are arranged in the order of distance. As will be described in detail later, in the present invention, the order of distance is modified to the order that the user will actually see in following the guided route. Although only three POIs are shown, more POIs may be listed at the same time. A scroll bar 69 is provided on the screen so that the user can see more POIs.

(12) The paragraph from page 23, line 11 to page 23, line 22 has been amended as follows:

Namely, the points where the circumference of one region circle intersect with the calculated route are the centers of other region circles such as  $S_{k-1}$ ,  $S_k$  and  $S_{k+1}$ . ~~Defining~~ By defining a plurality of region circles in this manner to cover a predetermined search area specified by the distance range, such as within 2 miles, 2-10 miles, etc. and the radius  $R$  of the region circles, the navigation system retrieves the specified type of POIs within the region circles. As noted above, typically, the POIs are retrieved with use of the map data and POI data in the map storage medium 21 such as DVD. Thus, POIs 76 and 77 within the region circles of Figure 9B will be retrieved by the navigation system.

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(13) The paragraph from page 24, line 9 to page 24, line 17 has been amended as follows:

However, this method is not practical because it takes time to find the values of line segment such as  $d_{1y}$  or  $d_{2y}$  that is perpendicular to the route. Especially, because the route 62 to the destination is not always a straight line, it is necessary to determine the angle of the route 62 at which the line segments intersect with the route at right angle, which requires a complicated calculation process. Thus, the navigation system has to spend a long time to calculate the distance between the user position and the particular POI.

(14) The paragraph from page 26, line 24 to page 27, line 2 has been amended as follows:

As shown in the above equations (1) and (2), the POI distance is obtained by incorporating both the drive length along the road (ex.  $Q_{k-1}$ ,  $Q_k$ ) and the straight-line length (ex.  $d_{11}$ ,  $d_{12}$ ,  $d_{21}$  and  $d_{22}$ ). The order of listing the POIs which are sorted by distance well matches the order that the user actually ~~see~~ sees the POIs when traveling along the calculated route 62 to the destination. One of the reasons is that, within the particular region circle, the straight-line distance (rather than the drive distance on the road) is used for calculation. Thus, In the example of Figure 2A, "Hard Rock Cafe" will be listed prior to "Pizza Hut" even though the

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actual drive length to "Hard Rock Cafe" is longer than that of "Pizza Hut".

(15) The paragraph from page 30, line 20 to page 30, line 30 has been amended as follows:

As has been described above, according to the present invention, the navigation system searches POIs along the ~~ealeulate~~ calculated route to the destination with respect to distance ranges on the ~~ealeulate~~ calculated route and allows the user to select the distance range to see details of the POIs therein while displaying the current user position in the distance range. The navigation system searches the POIs along the route to the destination and calculates a modified distance of each POI to list the POIs in the order that the user actually sees the POIs as he travels along the guided route to the destination.